

FORM PTO-1449		Atty Docket: BVL-102A	Serial No.: Rule 1.53 divisional of 09/269,763
INFORMATION DISCLOSURE CITATION (modified)		Applicant: van Lengerich	
		Filing Date: Concurrently herewith	Prior Group: 1732

U.S. PATENT DOCUMENTS

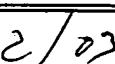
Examiner Initial	Document Number	Date	Name	Class	Sub-Class	Filing Date
J	4,106,991	August 1978	Markussen et al.	—	—	
J	4,242,219	December 1980	Bogerman et al.	1	1	10021 U.S. PRO 09/762320
J	4,689,235	August 1987	Barnes et al.	1	1	02/13/92
J	5,087,461	February 1992	Levine et al.	1	1	02/13/92
J	5,183,690	February 1993	Carr et al.	1	1	02/13/92
J	5,514,387	May 1996	Zimmerman et al.	1	1	02/13/92
J	5,820,903	October 1998	Fleury et al.	—	—	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub-Class	Translation Yes	Translation No
J	15,312	March 23, 1911	Great Britain	—	—		
J	WO 92/00140	Jan. 9, 1992	WIPO	1	1		
J	WO 92/12645	Aug. 6, 1992	WIPO	1	1		
J	WO 94/23593	Oct. 27, 1994	WIPO	1	1		
J	WO 95/00121	Jan. 5, 1995	WIPO	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

J	Per Artusson et al., "Characterization of Polyacryl Starch Microparticles as Carriers for Proteins and Drugs," <i>Journal of Pharmaceutical Science</i> , Vol. 73, No. 11, pps. 1507-1513 (Nov. 1984)
J	Lennart Randen et al., "Coprecipitation of Enzymes with Water Soluble Starch – An Alternative to Freeze-drying," <i>J. Pharm. Pharmacol.</i> , Vol. 40, pps. 763-766 (1988)
J	Shigeaki Maruo et al., "Effects of Moranoline, 4-O- α -D-Glucopyranosylmoranoline and Their N-Substituted Derivatives on Thermostability of Cyclodextrin Glycosyltransferase, Glucoamylase, and β -Amylase," <i>Biosci. Biotech. Biochem.</i> , Vol. 57, No. 8, pps. 1294-1298, (1993)
J	Wendell Q. Sun et al., "Protein stability in the amorphous carbohydrate matrix: relevance to anhydrobiosis," <i>Biochimica et Biophysica Acta</i> , Vol. 1425, pps. 245-254 (1998)

Examiner: 	Date Considered: 
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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Examiner Initial	Document Number	Date	Name	Class	Sub-Class	Filing Date
	5,952,033	September 1999	Anantharaman et al.	—	—	
	5,972,404	October 1999	van Lengerich	—	—	
	5,972,415	October 1999	Brassart et al.	—	—	
	6,004,594	December 1999	van Lengerich	—	—	
	5,079,012	January 1992	Lengerich et al.	—	—	
	3,962,416	June 1976	Katzen	—	—	
	3,786,123	January 1974	Katzen	—	—	
	5,466,460	November 1995	McMahon et al.	—	—	
	4,999,208	March 1991	Lengerich et al.	—	—	
	5,071,668	December 1991	van Lengerich et al.	—	—	

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Examiner Initial	Document Number	Date	Country	Class	Sub-Class	Translation Yes	No
	WO 95/18544	July 13, 1995	WIPO	—	—		
	WO 97/16076	May 9, 1997	WIPO	—	—		
	WO 97/39116	Oct. 23, 1997	WIPO	—	—		
	WO 98/18610	May 7, 1998	WIPO	—	—		
	WO 98/54980	Dec. 10, 1998	WIPO	—	—		

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	Colonna et al., "Extrusion Cooking of Starch & Starchy Products," <i>Extrusion Cooking</i> , C. Mercier, et al. AACC, St. Paul, MN (1989), pps. 247-319
	Meuser et al., "A Systems Analytical Approach To Extrusion," <i>Food Extrusion Science & Technology</i> , ed. J. Kokini, Dekker Publ. (1992), pps. 619-630

Examiner: <i>[Signature]</i>	Date Considered: <i>2/03</i>
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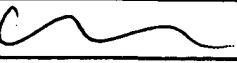
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Examiner Initial	Document Number	Date	Name	Class	Sub-Class	Filing Date
J	5,075,058	December 1991	Chan et al.	—	—	
J	3,404,984	October 1968	Olsen	1	1	
	4,888,171	December 1989	Okonogi et al.	1	1	
J	3,027,102	March 1962	Lödige et al.	—	—	

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Examiner Initial	Document Number	Date	Country	Class	Sub-Class	Translation Yes No
J	EP 0 465 364 A1	Jan. 8, 1992	EPO	—	—	
J	EP 0 462 012 A2	Dec. 18, 1991	EPO	1	1	
	WO 92/00130	Jan. 9, 1992	WIPO	—	—	Abst
	WO 95/26752	Oct. 12, 1995	WIPO	—	—	Abst
J	WO 85/04074	Sept. 26, 1985	WIPO	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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		Filing Date: Concurrently herewith		Prior Group: 1732			
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Sub-Class	Filing Date	 1021 U.S. Pat. Off. 109/782320
J	5,009,900	April 1991	Levine et al.	—	—	10/21/1991	
FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Country	Class	Sub-Class	Translation Yes	Translation No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
J	Brochure entitled "Innovate With Raftilene®," Orafti Active Food Ingredients, November 1996						
J	"Inulin-A 'Good-for-you' Fat Replacer, Texture Modifier," Food Formulating, p. 15, February 1997						
J	Brighenti, F., et al., "One Month Consumption of Ready-to-eat Breakfast Cereal Containing Inulin Markedly Lowers Serum Lipids in Normolipidemic Men," from: Proceedings of 7 th FENS European Nutrition Conference, 1995						
J	Silva, R., "Use of Inulin as a Natural Texture Modifier," Cereal Foods World, October 1996, vol. 41, no. 10, pps. 792-794						

Examiner: 	Date Considered: 2/63
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Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket No.
BVL-102A

Serial No. 09/782,320

INFORMATION DISCLOSURE STATEMENT

Use several sheets if necessary

MAR 27 2001

PATENT & TRADEMARK OFFICE

Applicant: van Lengerich

Filing Date:
February 13, 2001

Group:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
LG	2,876,160	03/03/59	Schoch et al.	167	82	
	3,868,471	02/25/75	Decelles et al.	426	303	
	3,922,354	11/25/75	Galluzzi et al.	426	96	
	4,178,392	12/11/79	Gobble et al.	426	96	
	4,532,145	07/30/85	Saleeb et al.	426	650	
LG	6,190,591	02/20/01	van Lengerich	264	141	

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	Document Number	Date	Country	Class	Subclass	Translation Yes	No
LG	91 03940	04/04/91	WO			✓	
	96 09773	04/04/96	WO			✓	
	40 21 678	01/09/92	DE				X
LG	96 14058	05/17/96	WO			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Karen Mank

Date Considered

2-2-2002

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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				Complete if Known	
				Application Number	09/782,320
				Filing Date	02/13/2001
				First Named Inventor	van Lengerich
				Group Art Unit	1732
				Examiner Name	not yet assigned
Sheet	1	of	3	Attorney Docket Number	BVL-102A

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			
KG	4,379,171			Furda et al.	04-05-1983	
	4,871,574			Yamazaki et al.	10-03-1989	
MAR 12 2002	4,886,820			Gross et al.	12-12-1989	
	5,118,513			Mehansho et al.	06-02-1992	
	5,431,929			Yatka et al.	06-11-1995	
	5,939,127			Abboud	08-17-1999	
	5,958,502			Fulger et al.	09-28-1999	
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	6,342,257	B1		Jacobson et al.	01-29-2002	
	5,023,083	A		Drell	06-11-1991	abstract
	6,008,027	A		Langner	12-28-1999	abstract
	6,048,551	A		Amidon et al.	04-11-2000	abstract
	5,750,104	A		Sipos	05-12-1998	abstract
KG	4,816,259	A		Matthews et al.	03-28-1989	abstract

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number	Kind Code ⁴	(if known)	
KG	WO	99/34688		General Mills, Inc.	07-15-1999	
	WO	00/21504		General Mills, Inc.	04-20-2000	
	WO	99/23896		Societe Des Produits Nestle S.A.	05-20-1999	
KG	WO	99/48372		General Mills, Inc.	09-30-1999	

Examiner Signature	<i>Karen A.</i>	Date Considered	5-13-02
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				Application Number	09/782,320
				Filing Date	02/13/2001
				First Named Inventor	van Lengerich
				Group Art Unit	1732
				Examiner Name	not yet assigned
Sheet	2	of	3	Attorney Docket Number	BVL-102A

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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (if known)			
KG		5,902,617	A	Pabst	05-11-1999	abstract

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number	Kind Code ⁵ (if known)				
KG		EP	605913	A	Oklahoma Med. Res. Found.	07-13-1994	abstract	
		EP	603992	A1	University Cincinnati.	06-29-1994	abstract	
		JP	6024962	A	Green Cross Corp.	02-01-1994	abstract	
		EP	552057	A	UR Labs Inc.	07-21-1993	abstract	
		EP	391518	A	Kinaform Technology Inc.	10-10-1990	abstract	
		JP	47014316	A	Morishita Seiyaku Co. Ltd.	1972	abstract	
		JP	1313421	A	Aliment Kogyo KK	12-18-1989	abstract	
		WO	88/01512	A	Enzacor Properties	03-10-1988	abstract	
		WO	00/64436	A1	CG & Assoc.	11-02-2000	abstract	
		WO	99/61002	A1	Bristol-Myers Squibb Co.	12-02-1999	abstract	
		WO	99/20745	A1	IL Yang Pharm. Co. Ltd.	04-29-1999		
		EP	33662	A	Clinical Techn Assn.	10-11-1969	abstract	
		WO	98/50019	A	Sage Pharm. Inc.	11-12-1998	abstract	
		WO	99/11242	A1	Biozone Lab Inc.	03-11-1999	abstract	
		WO	00/41740	A2	Dehlinger et al.	07-20-2000	abstract	
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		JP	2000139372	A	San Ken KK	05-23-2000	abstract	
KG		WO	99/45904	A1	Allergenics Inc.	09-16-1999	abstract	

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E INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>2002</i> <i>Use as many sheets as necessary</i>		Application Number	09/410,017
		Filing Date	10/01/1999
		First Named Inventor	van Lengerich
		Group Art Unit	1761
		Examiner Name	E. Webman
Sheet	3	of	3
		Attorney Docket Number	BVL-107

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Sheet 1 of 2

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Application Number	09/782,320
Filing Date	02/13/2001
First Named Inventor	van Lengerich
Group Art Unit	1732
Examiner Name	not yet assigned
Attorney Docket Number	RCI -102A

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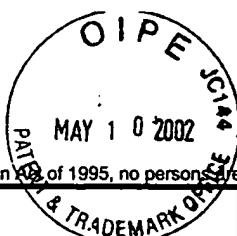
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Sheet

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Application Number	09/782,320
Filing Date	02/13/2001
First Named Inventor	van Lengerich
Group Art Unit	1732
Examiner Name	not yet assigned
Attorney Docket Number	BVL-102A

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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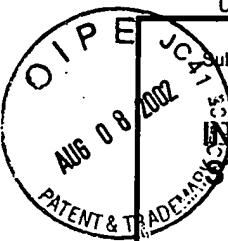
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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>		Complete if Known	
		Application Number	09/782,320
		Filing Date	02/13/2001
		First Named Inventor	van Lengerich
		Group Art Unit	1616
		Examiner Name	K. George
		Attorney Docket Number	BVL-102A
Sheet	1	of	1

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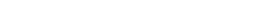
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P INFORMATION DISCLOSURE S STATEMENT BY APPLICANT <small>Use as many sheets as necessary)</small>		Application Number	09/782,320	TECH CENTER 1600/1 RECEIVED DEC 03 2002
		Filing Date	02/13/2001	
		First Named Inventor	van Lengerich	
		Group Art Unit	1616	
		Examiner Name	George, K.	
		Attorney Docket Number	BVL-102A	
1	of	1		

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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